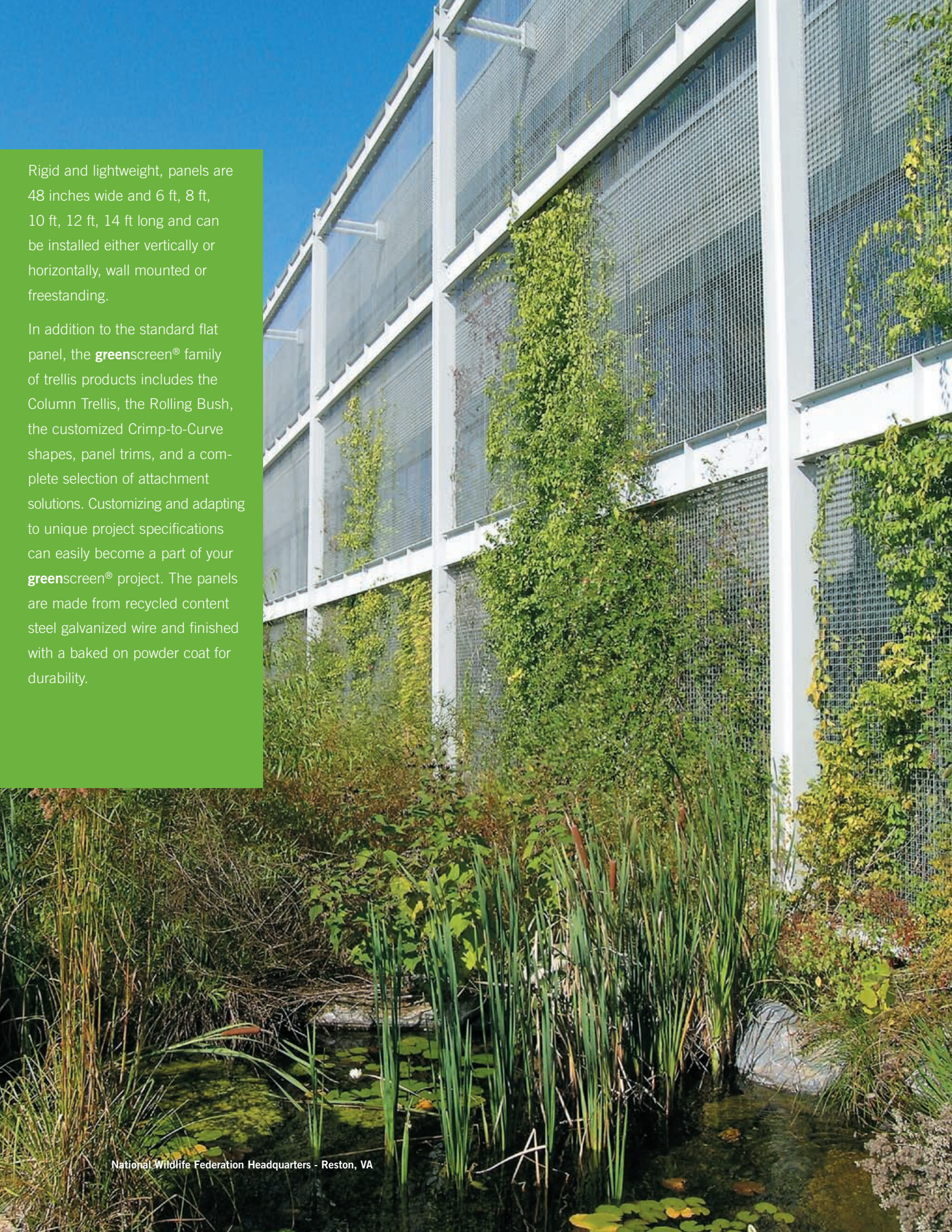
greenscreen®

THE ELEMENTS ARE SIMPLE

Rigid and lightweight, panels are 48 inches wide and 6 ft, 8 ft, 10 ft, 12 ft, 14 ft long and can be installed either vertically or horizontally, wall mounted or freestanding.

In addition to the standard flat panel, the **green**screen® family of trellis products includes the Column Trellis, the Rolling Bush, the customized Crimp-to-Curve shapes, panel trims, and a complete selection of attachment solutions. Customizing and adapting to unique project specifications can easily become a part of your **green**screen® project. The panels are made from recycled content steel galvanized wire and finished with a baked on powder coat for durability.

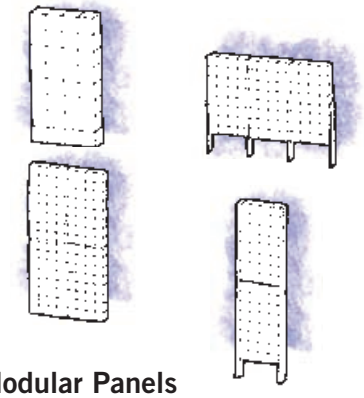


National Wildlife Federation Headquarters - Reston, VA

basic elements

***green**screen® is a three-dimensional, welded wire trellising system.*

*The distinctive modular trellis panel is the building block of **green**screen.®*

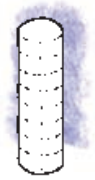


Modular Panels

Use for covering walls, as freestanding fences, screens or enclosures.

Standard Sizes:
width: 48" wide
length: 6', 8', 10', 12', 14'
depth: 2" or 3"
Custom dimensions available in 2" increments, length and width.

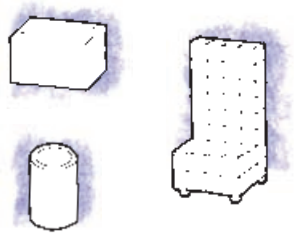
See our Accessory Items, Mounting Options and Detail Examples that work together to provide efficient solutions.



Column Trellis

Use as a vertical freestanding element or as a cover for existing posts. Coiled or flat for easy field installation in standard or custom diameters.

Standard Sizes:
dia: 15½"
height: 6', 8', 10', 12', 14'
Custom heights in 2" increments
thickness: 2" or 3" panel

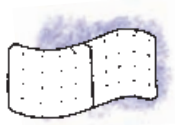


Planter Options

Fiberglass Planter: 4 ft width allows for various height panels and can be placed in permanent or semi-permanent locations.

Column Planter: for attaching standard radius columns of varying heights, available with or without casters.

Rolling Bush: made with **green**screen® panels and an integral rolling planter for both climbing and trailing vines, ideal for both temporary or changing venues.



Crimp-to-Curve

Use for describing curved surfaces, for covering walls, as freestanding fences, screens, or enclosures.

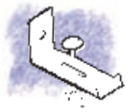
Standard Sizes:
radius: standard radius 4 ft to 12 ft at 12" increments
length: 7 ft to 12 ft in 4" increments.
depth: 3" screen
Custom radius and lengths up to 12 ft available. Width variable in 2" increments, length variable in 4" increments.

Custom

Using our basic panel as the building block, we are always available to discuss creative options. Panels can be notched, cut "off grid" to create a taper, mitered and are available in crimped-to-curve combinations.

Colors

Our standard powder coated colors are gloss; green, black, silver, white; matte; wrinkle green or wrinkle black. Custom colors are available.



Accessories

greenscreen® is a complete trellis system that includes a versatile array of mounting clips for almost every application of panels and columns. Our trims are factory installed before finishing. All clips, posts and caps are finished to match your project colors. Our Accessory Items list, Mounting Options section, and Detail Examples all work together to provide efficient solutions.

WALL MOUNTED

Standard sizes

width: 4 ft

length: 6 ft
8 ft
10 ft
12 ft
14 ft

depth: 2" or 3" thick

Custom Sizes

Available in widths and lengths in 2" increments up to 4 ft x 14 ft

Finish

- galvanized wire panels with multigrade alkaline wash
- epoxy primer
- baked on powder coat finish

gloss ~ green
~ black
~ silver
~ white

matte ~ wrinkle green
~ wrinkle black

Accessory Options

trim: #5104
#5105

Mounting Hardware

full range available

The Marketplace at Oviedo Crossing - Oviedo, FL

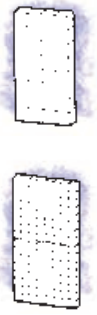
The Marketplace at Oviedo Crossing Oviedo, FL

Wall Mounted Trellis Panel

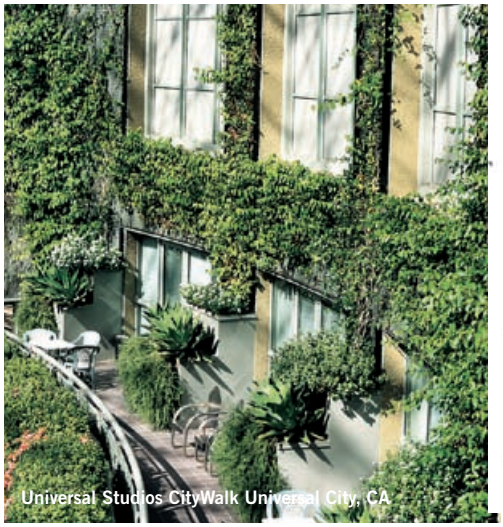
Originally conceived to create an “inhabited bush,” the **green**screen® trellis system can transform blank concrete or masonry walls into soft-textured, vine and flower covered, seasonally varying surfaces, commonly referred to as "green walls." The elements are simple and the possibilities are endless for mounting modular or shaped panels near entries, surrounding windows, in interior courts, as a living plant matrix to cover all or part of a building facade… the examples are many!

Our system of mounting accessories is designed to hold **green**screen® trellis panels off the building surface, protecting the building’s water-proof membrane from direct plant attachment and transferring the weight of the plants to the screen structure and the wall. Integrate wall mounted **green**screen® elements into new construction or add to existing buildings with adjustable clips that adapt to uneven surfaces. Panels can be stacked side to side or top to bottom to cover larger areas.

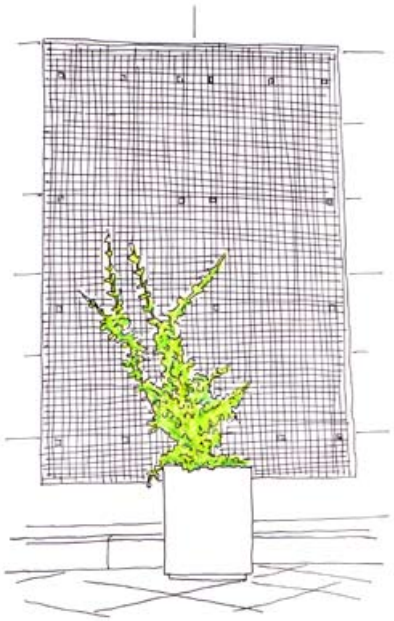
WALL MOUNTED



Willows Shopping Center - Concord, CA



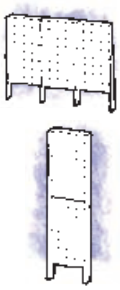
Universal Studios CityWalk Universal City, CA



FREESTANDING

Freestanding Trellis Fence

When used freestanding, **green**screen®'s unique wire truss configuration can span between structural members for use as a security fence, privacy screen, shade element, or three-dimensional enclosure. Light in weight but incredibly strong, **green**screen®'s three inch screen depth "captures" plant material and provides the benefits of a living fence or tapestry that can be enjoyed from both sides. Our mounting accessories match the panel finish, and easily adapt to posts for simple fence installations or to more complex frameworks for larger multi-story projects. Working with the 2" modular grid simplifies the design process and ensures accurate field installation.



Studio 5C Tempe, AZ

Premier Auto - Irvine, CA

Infonet Corporation - El Segundo, CA

Infonet Corporation - El Segundo, CA

FREESTANDING

Standard sizes

width: 4 ft
length: 6 ft
8 ft
10 ft
12 ft
14 ft
depth: 2" or 3" thick

Custom Sizes

width and length available in 2" increments up to 4 ft x 14 ft

Finishes

- galvanized wire panels with multigrade alkaline wash
- epoxy primer
- baked on powder coat finish
  gloss ~ green
  ~ black
  ~ silver
  ~ white
  matte ~ wrinkle green
  ~ wrinkle black

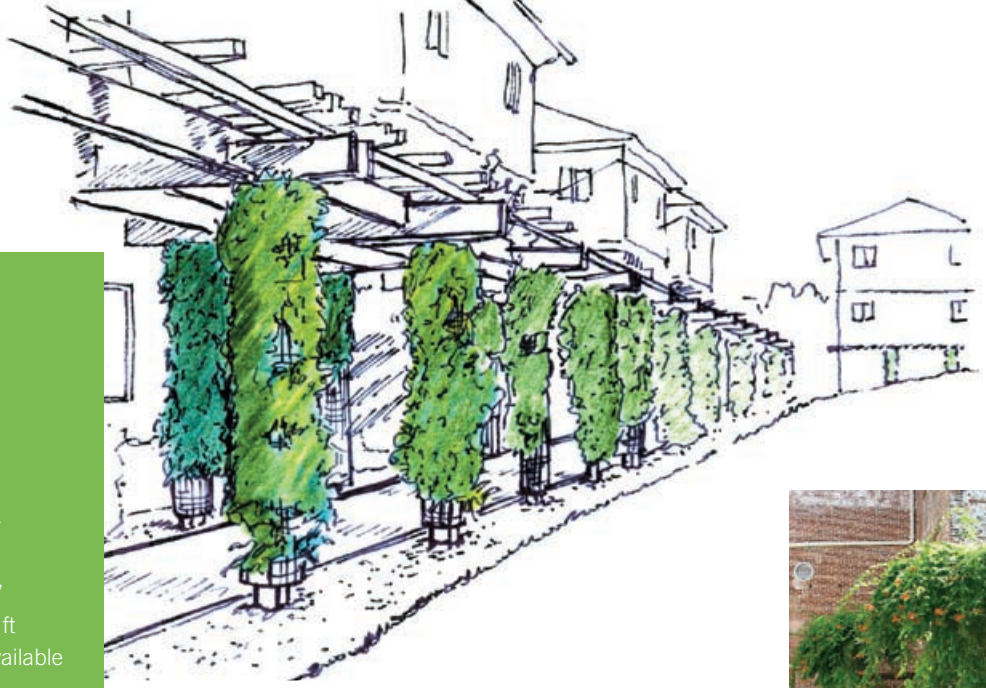
Accessory Options

trim: #5104
#5105

Mounting Hardware

full range available

COLUMN



Standard sizes
diameter: 15½"
length: 6 ft
8 ft
10 ft
12 ft
14 ft
depth: 2" or 3" thick

Custom Sizes
- length available in 2" increments up to 14 ft
- custom diameters available

Finishes
- galvanized wire panels with multigrade alkaline wash
- epoxy primer
- baked on powder coat finish
  gloss ~ green
  ~ black
  ~ silver
  ~ white
  matte ~ wrinkle green
  ~ wrinkle black

Accessory Options
trimbands

Mounting Hardware
#5132V Mounting Clips, fiberglass planter

Lock Building - South Norwalk, CT

Sonoma State University Student Housing - Petaluma, CA

Sonoma State University Student Housing - Petaluma, CA

Column Trellis

Creating column shapes with **green**screen® trellis panels is easy. Our standard Column Trellis is fabricated from a 48" wide panel which gives a 15½" diameter column as our basic building element. We can provide mounting clips or brackets for attaching to your structure and you can choose from our standard radius up to fourteen feet in height, or select a custom radius or square column shape that we can build for you. For taller installations, the columns can be stacked. The standard Column Trellis can also be mounted on a fiberglass planter for applications that require self contained units.

COLUMN

Desert Ridge Marketplace - Phoenix, AZ

Shaklee Corporation - Pleasanton, CA

International Center - Dallas, TX

Desert Ridge Marketplace - Phoenix, AZ

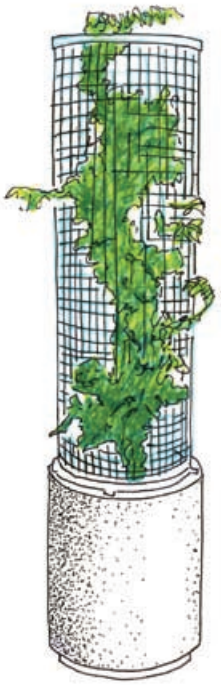
PLANTER

Size
Rectangular:
4 ft wide x 24” x 30” tall
Cylindrical:
18" dia x 28" tall

Finish
- fiberglass “fibercrete” with or without overspray
- color to match client color chip

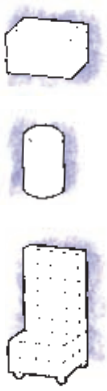
Accessory Options:
order with 4 ft wide x up to 14 ft tall trellis panels

Mounting Hardware
#5135 Planter Straps



Above Ground Planter

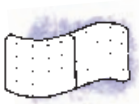
For projects that require containers, **green**screen® trellis panels can be mounted to our stationary fiberglass planters, or our movable “Rolling Bush” units can be used. Planters feature special liners and drainage for irrigation control and are available in a variety of colors and finishes. Standard cylindrical planters coordinate with the Column Trellis and flat modular panels work with rectangular planters. Custom sizes and shapes can be made to order depending on your project requirements.



East Los Angeles Library - Los Angeles, CA

Oceanview Village - San Francisco, CA

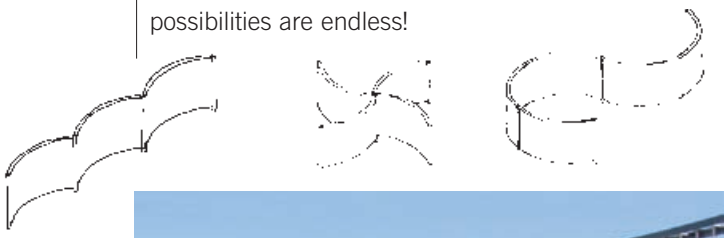
Acmestudios Rolling Bush - Los Angeles, CA



Crimp-to-Curve

Sometimes a freestanding **green**screen® trellis needs to describe a curve, echo a building shape or include a gentle overhead arc. We offer **green**screen® in a variety of standard radiused shapes to enhance your design.

Crimp-to-Curve trellis screens can be joined to create long curved fence elements, overhead arcs and to create new forms made with multiple units. The possibilities are endless!



CRIMP-TO-CURVE

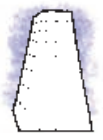
Standard sizes
width: 4 ft
length: 7 ft up to 12 ft in 4 in. increments
radius: 4 ft
5 ft
6 ft
8 ft
10 ft
12 ft
depth: 3” thick

Custom Sizes
custom radii available

Finish
- galvanized wire panels with multigrade alkaline wash
- epoxy primer
- baked on powder coat finish
  gloss ~ green
  ~ black
  ~ silver
  ~ white
  matte ~ wrinkle green
  ~ wrinkle black

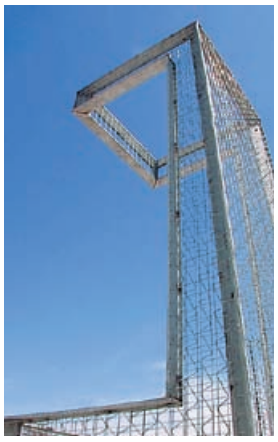
Accessory Options:
#5105 Steel Edge Trim

Mounting Hardware
full range available



Custom

Based on a 2”x 2” modular grid, **green**screen® panels can be easily customized to meet a wide variety of project requirements. The rigid but lightweight three-dimensional welded wire panel can be cut at angles, span openings, attached to support frames or be mitered, notched, spliced or curved. In combination with standard or custom edge trims and a full array of mounting hardware unique applications are limited only by your imagination.



CUSTOM

Size:
up to 4 ft wide and 14 ft long in single pieces in 2” and 3” depths.

Finish
standard listed finishes or additional custom colors

Accessory Options
trim: #5104
#5105
custom profiles available

Mounting Hardware
full range available, custom clips and brackets available

project examples

*The following pages illustrate some of the many combinations offered with the **green**screen® trellis system.*

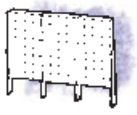
Desert Ridge Marketplace - Phoenix, AZ

Central Park Library - Santa Clara, CA

Infonet Corporation - El Segundo, CA

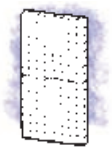
The "captive growing space" created by the unique **green**screen® panel design promotes plant growth and is an excellent support for maintaining healthy plants. Edge trim can be added at pedestrian areas as a closure strip or at the panel perimeter to provide a reinforced edge for plant trimming. A variety of colors and finish-matched clips and brackets make it easy to adapt to round or square post systems. **green**screen® panels can be mounted vertically or horizontally between posts and are easily integrated into custom gate openings.

FENCING



Many larger commercial and retail developments require flexible landscaping elements that can solve a variety of space planning problems. Vertical greenery can easily be achieved with a minimal panel and planter depth using freestanding or wall mounted panels. In both of these high visibility projects the bottom row of panels were pre-grown off site, transported and installed to insure an established landscaped presence on opening day. With this head start, the adjoining panels rapidly filled with vines.

MIXED USE



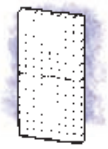
Universal Studios CityWalk Universal City, CA

Universal Studios CityWalk Universal City, CA

The Galleria at Roseville - Roseville, CA

Stanford University Parking Structure #5 - Stanford, CA

U.S. Census Bureau Parking - Suitland, MD



PARKING STRUCTURE

greenscreen® trellis panels are a proven solution for providing vertical plant greenery on large multi-story buildings such as parking structures. In a tight building-setback situation, **green**screen® requires only a few inches of space to create an effective vertical landscape element. Multi-floor heights can be “green-screened” from a narrow planting bed, limiting walkway encroachment. The panels are easily adaptable for new projects or to retro-fit onto existing buildings. The unique panel construction spans between floors and attaches directly to the building face or to a secondary steel frame. In all cases, the three-dimensional depth of the panel promotes rapid early growth and long term plant support.

Fishers Place Parking Deck - Rockville, MD

River Rock Parking - Napa, CA

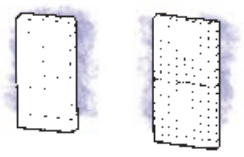
California State University at Fullerton Parking Structure - Fullerton, CA

Fountain Park at Playa Vista Visitors Center - Los Angeles, CA

Veritas Corporate Campus - Mountain View, CA

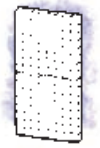
The future is shady for this outdoor eating lounge and this public park and fountain. Standard or custom size **green**screen® trellis panels are mounted either on top or between a steel support structure, providing a light and open feeling until the vines mature and create a cool shaded sitting area.

HORIZONTAL



SHADE AND LIGHT CONTROL

Whether in colder northern climates or in the hottest of temperature zones, the **green**screen® trellis can be an important part of the approach to a building's environmental control systems. These two highly successful projects use tall **green**screen® trellis installations as "green walls" built into south-facing structures to create shade and filter summer sun while allowing heat gain and abundant light during winter. Choosing local native deciduous vines can be an important part of an effective and environmentally sensitive installation or a simple way to create comfortable outdoor work spaces.

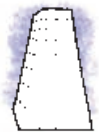


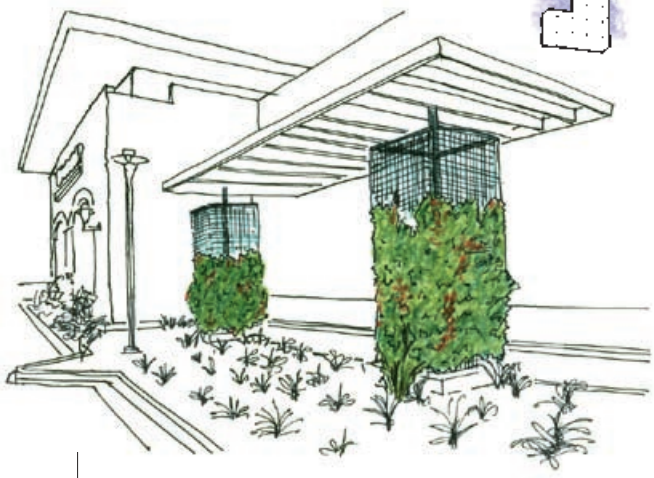
Studio 5C - Tempe, AZ

National Wildlife Federation Headquarters - Reston, VA

Desert Ridge Marketplace - Phoenix, AZ

Technology Square - Cambridge, MA



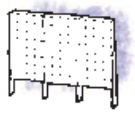


PEDESTRIAN SCALE

These project examples utilize a thin panel profile to create flat, freestanding screens or three-dimensional volumes to provide shade and a visual buffer to building surfaces in pedestrian waiting zones. Adaptable trims and mounting details are “people friendly” and the strong, rigid steel wire construction resists potential abuse.

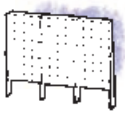
Freestanding trellis screens can be a dynamic and visually stimulating alternative to fencing in a residential setting. **green**screen® can be used to enhance privacy, provide added security, and help maintain yard easements. This simple installation uses surface mounted panels on a wood frame to create colorful living tapestries. The possibilities are endless….

RESIDENTIAL



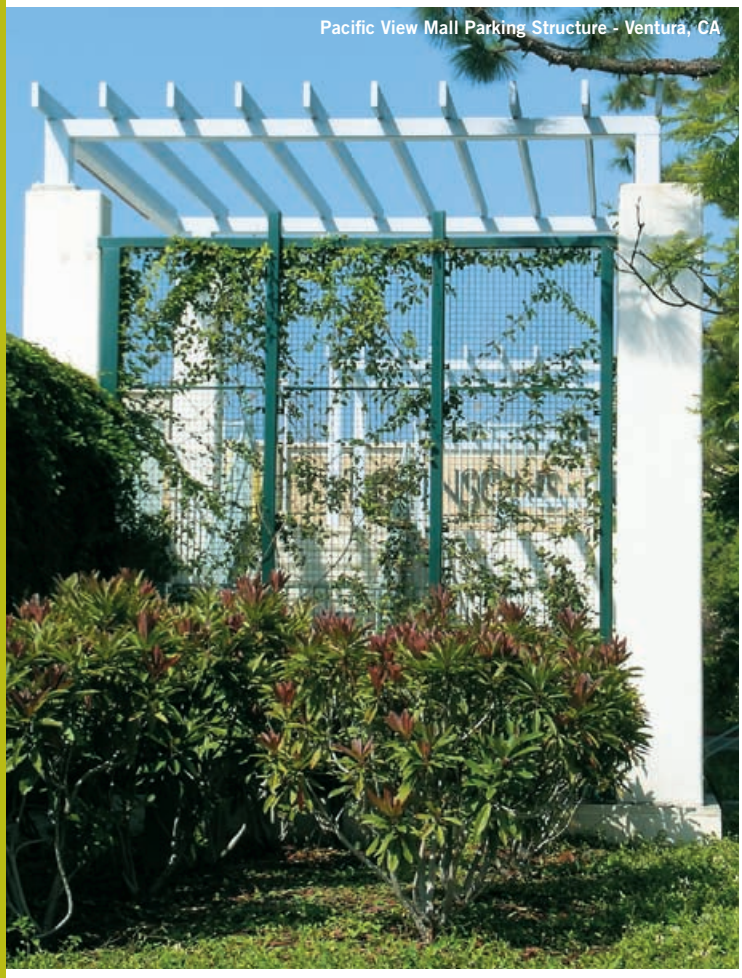
Orne Residence - Los Angeles, CA

Orne Residence - Los Angeles, CA



This **green**screen® installation provides security benefits by controlling access without bars or conventional fencing, simultaneously covering the openings with a lacy leaf texture. The three-dimensional panel construction of the **green**screen® trellis system allows spanning between structural members and can be stacked vertically or horizontally to cover larger areas. The 2"x 2" grid and adaptable clips and brackets make this a simple and efficient installation.

SECURITY

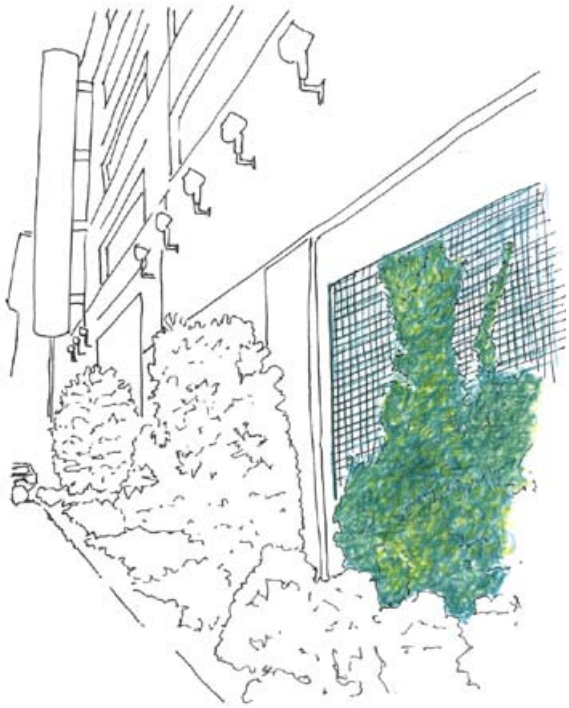


Pacific View Mall Parking Structure - Ventura, CA

GRAFFITI CONTROL

Rolex - Beverly Hills, CA

greenscreen® modular wall mounted trellis panels inhibit graffiti action on this 12 foot high parking area wall in a dense urban environment. A narrow planting bed helps maximize the usable traffic area and the neighborhood enjoys the benefit of a flowering, vine-covered solution instead of a monotonous concrete wall. Neighborhood groups and Planning Department officials responded favorably to this alternative.



Chevron Roof Garden - San Francisco, CA

INTERIORS

This interior circulation space in a corporate office setting utilizes the 2" modular grid, silver finish and #5105 Edge Trim to create an interesting visual rhythm and provide partial screening for perimeter conference spaces. A narrow planter at the base with controlled irrigation limits walkway encroachment yet provides greenery for a calming office experience.

Nokia Product Creation Center - San Diego, CA

Edgewater Condominiums - Minneapolis, MN

Penthouse Terrace - New York, NY

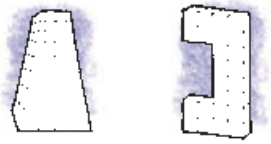
Outdoor conference areas, hospital healing gardens, intimate outdoor dining areas, security fencing and flowering privacy screens are just some of the ways that **green**screen® has been utilized in rooftop environments. Light weight panels can be combined with our fiberglass planters or adapted to existing conditions to provide creative solutions that transform hard-to-utilize roof top areas into thriving outdoor spaces.

ROOFTOP GARDENS

Fountain Park at Playa Vista Visitors Center - Los Angeles, CA

CUSTOM

The benefits of three-dimensional welded steel wire construction are clearly evident in these custom **green**screen® applications. The lightweight but rigid panels can be cut “off grid” to create unique shapes that can span between structural supports both horizontally and vertically. These projects take advantage of the system’s inherent transparency during early vine growth but can still assure long term durability and low maintenance as the plants mature. With the repetition of a custom shape, or family of shapes, one can easily establish a unique “project identity” for an installation.



Stanford University, Graduate School of Business Roof Deck - Palo Alto, CA

Desert Ridge Marketplace - Phoenix, AZ

California State University at Fullerton Parking Structure - Fullerton, CA

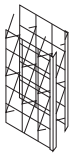
Fountain Park at Playa Vista Visitors Center - Los Angeles, CA

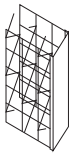
accessories

Our Accessory Items list will provide your project with the necessary edge trims, mounting and joining clips, straps, posts, and caps to match your specified finishes with maximum flexibility.

To assist with design and product specification we can provide additional details, material specifications, engineering data, complete accessory specifications and CAD details for editing and inserting into working drawings. Also included is a helpful **Mounting Options** section for use as a guide on typical installations. This additional information is available online at www.greenscreen.com, in our Complete Catalog Binder, and on our **green**screen® Data CD. Contact us for additional materials or with specific questions.

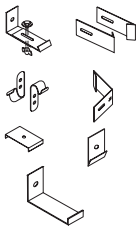
EDGE TRIMS





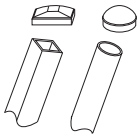
Use as a closure strip at edges of **green**screen® panels. Recommended on panel edges adjacent to pedestrian traffic or where edge reinforcement is required for special mounting conditions or long term plant maintenance. #5104 Steel channel Trim or #5105 Steel Edge Trim are both available as an add-on by the linear foot.

MOUNTING CLIPS



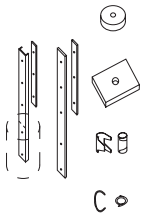
A selection of clips and brackets can be used for a variety of installations including to posts, columns, beams and walls.

POSTS AND CAPS



Available in matching finishes and custom lengths.

STRAPS, SPACERS AND RINGS



Use for adapting to uneven surfaces, against structure, and joining screens to maintain uniform surfaces between adjoining panels when used in a modular configuration.

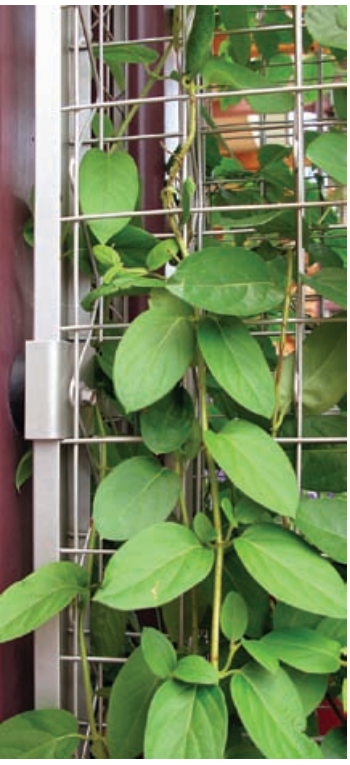
plants

*Choosing the appropriate plant materials for **green**screen® requires careful consideration of climate zone, sun and wind exposure, soil type, size of container, feeding needs, adjacent plant materials and desired visual effect.*

There are different types of vines; for use with **green**screen,® the twining, climbing, curling and tendril types are more suitable than the gripping vines that cling by aerial roots or suckers. The less woody vines with flexible stems are the most appropriate for weaving into the panels. Some vines, such as wisteria, that tend to grow very heavy and tree-like are better off in containers since this prevents them from growing too large and heavy for the screen.

Mixing vines on the same panel takes considerable knowledge as one needs to be aware of compatibility of soil, light, water and feeding needs. Mixing annuals with perennials works if they are both similarly aggressive, otherwise the more vigorous vine chokes out the more delicate one.

There are some vines that climb as well as trail, these are very useful for the "Rolling Bush." It is suggested that a horticulturist, landscape architect or garden designer be consulted for specific applications.



THE POSSIBILITIES ARE ENDLESS

Studios 5C - Tempe, AZ

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At **green**screen® we are a team of architects and designers with a broad and deep range of experience in urban planning, landscape design and the construction industry. We consult on both small and large scale projects across the continent and around the world, and we're committed to providing team-oriented design and technical support for your project.

Contact us to discuss **green**screen®'s possibilities and its application to your job. We will answer your questions, review drawings, recommend mounting details, prepare shop drawings, provide price quotes and help you place an order.

Fall '08

Fishers Place at Metro Center, Rockville, MD